



## STOP Mosquitoes from breeding around your Home!

The best way to control mosquitoes is to find  
and eliminate their breeding sites !  
Check these areas around your home...

- ☐ remove trash, bottles and debris holding water
- ☐ clean clogged gutters and downspouts
- ☐ flush birdbaths and fountains weekly
- ☐ drain flowerpots, other garden containers
- ☐ turn over wheelbarrows, other lawn items
- ☐ drain water from children's wading pools, toys
- ☐ fix leaky faucets where water stands
- ☐ remove old tires that hold water
- ☐ fill in holes, depressions in the yard
- ☐ clean debris out of drainage easements
- ☐ eliminate standing water on flat roofs
- ☐ eliminate water around air conditioner units
- ☐ adjust tarps over woodpiles, grills and boats so  
water does not stand in the tarp

When you can't flush, drain or clean out tree holes, ditches, low areas or drainage easements in your yard, you can use a larvicide product. Most home-use larvicide products are harmless to the environment and will not hurt people, pets or wildlife when used properly and according to label directions. These products can often be found at various hardware, garden and pond stores.

\*See the other side for information on the products available to homeowners and how these products work to eliminate mosquitoes around your home.

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5-03 web site : [www.health.co.jefferson.ky.us](http://www.health.co.jefferson.ky.us)

A larvicide containing the active ingredient, methoprene, is a mosquito growth hormone regulator. It is sold under the following brand names : **Altosid®/ Altosid XR®, Prestrike®, Zodiac®**. It changes the life cycle of the mosquito so it will not hatch out from its aquatic form. The mosquito never matures into a biting adult. This product is virtually non-toxic to fish, mammals and insects other than flies. It can be used in numerous environments because of its low toxicity.

A different kind of larvicide, which is a biological treatment, contains the bacteria *Bacillus sphaericus* (Bs). It is sold under the following brand names: **Vectolex®, Mosquito Bits®**. It is a corncob granule that contains the bacteria. These bacteria dissolve off the granules into the standing water. The released bacteria infect the gut linings of the mosquito larva, eventually killing it. This product has a month long residual and is only toxic to other aquatic flies such as black flies, midges, and no-see-ums.

*Bacillus thuringiensis israelensis* (Bti), is another biological treatment. It acts in much the same way as *Bacillus sphaericus*. It is sold under the following brand names: **Vectobac® and Mosquito Dunks®**. **Vectobac®** is the concentrated solution of the bacteria that you can put in the water. **Mosquito Dunks®** are the solid doughnut-like form that float on the surface of the water and have a residual for up to 30 days.

Some fish, like top feeding minnows and mosquito fish species, are good eaters of mosquito larvae and pupae. This is the perfect way to stop mosquitoes from breeding in your ornamental ponds.

